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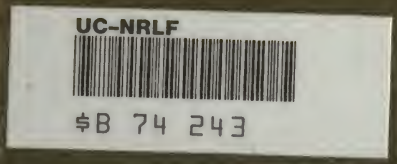


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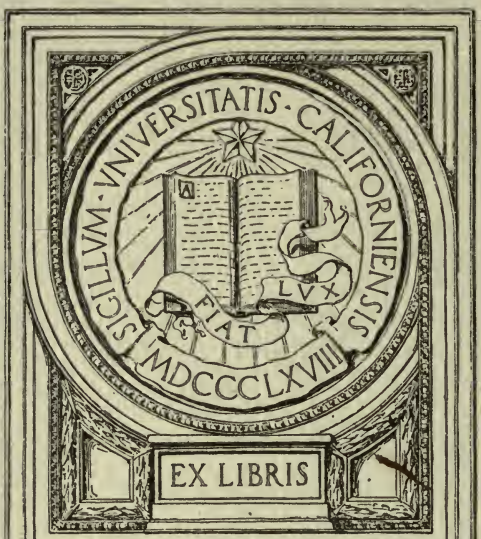
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# TELEGRAPH BATTALION

## SIGNAL CORPS

# TABLES OF ORGANIZATION AND EQUIPMENT

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WAR DEPARTMENT
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# TELEGRAPH BATTALION
## SIGNAL CORPS

# TABLES OF ORGANIZATION AND EQUIPMENT

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War Department,
Document No. 617,
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WAR DEPARTMENT,

WASHINGTON, *June 21, 1917.*

This manual is published for the information and government of the Army of the United States.

[2573551 A. G. O.]

BY ORDER OF THE SECRETARY OF WAR:

TASKER H. BLISS,

*Major General, Acting Chief of Staff.*

OFFICIAL:

H. P. McCAIN,

*The Adjutant General.*



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## PROPERTY ACCOUNTABILITY.

1. There shall normally be but one accountable officer for Equipment C of each bureau of a telegraph battalion and such officer will account on a separate return for all articles listed in the following tables. He will be known as the battalion supply officer.

2. When different officers serve as supply officers of the different bureaus they will be designated as "battalion quartermaster," "battalion signal officer," etc. Should local conditions make it desirable or necessary to have an accounting officer for any detachment serving separately from its parent organization, one may be designated for that purpose and the articles of Equipment C that pertain to such detachment will be transferred to the designated accountable officer of the detachment, but as soon as the conditions making this separate accountability necessary ceases, the account will be closed by transferring back to the unit supply officer of the parent organization of the accountability for the property which had been carried separately.

3. Companies or detachments will hold on memorandum receipt from the supply officer of the battalion articles of Equipment C prescribed in the following tables as provided in regulations and orders (see Quartermaster Regulations and Paragraph I, General Orders, No. 6, War Department, 1916).

4. Under normal peace conditions organizations will keep their Equipment C as prescribed complete and in serviceable condition. If ordered for field duty, this full equipment will be taken to the mobilization and concentration points. If ordered on active field duty, where Equipment B and Equipment A not required for actual strength can not be taken, it will be disposed of by the battalion supply officer as conditions require, by turning it in to a camp supply officer or depot, or by disposing of it as otherwise ordered. The same course will be followed at any time during active field service, should equipment become surplus.

5. The battalion supply officer will obtain replenishment of Equipment C by furnishing the post, camp, division, depot, or other proper supply officer in exchange for articles by either exchange of unserviceable articles worn out through fair wear and tear, or by exchange of a properly approved inventory and inspection report, survey report, statement of charges, certificate of expenditure, or other authorized method.

6. When, in compliance with competent orders, Equipment C has been reduced by any part of it being invoiced by the battalion

supply officer to another accountability, it will be replaced by the battalion supply officer certifying the facts on his requisition. If Equipment C has been increased in any way, above that prescribed, the supplies, when no longer necessary, will be invoiced to some accountable officer at the first opportunity.

7. Replenishment of Equipment C will habitually be obtained through the battalion supply officer, but no entry of the transaction will be made in his account unless necessary. In emergencies an organization commander may obtain replenishment by any of the methods prescribed for the battalion supply officer, but when such action is taken he will promptly report the transaction to the battalion supply officer.

8. All garrison equipment and other Government property (including ammunition for target practice), except Equipment C will be held by organization commanders on memorandum receipt from the post or other supply officers. If ordered to field duty, all articles of the garrison equipment held on memorandum receipt by organizations will be turned over to the post supply officer, and none of it will be taken with the organization, except as may be specially ordered by the next higher commander.

9. When a battalion is separated from a supply depot and the situation demands a reserve stock on hand, such reserve will be accounted for on the same return and in the same way as Equipment C, but so soon as the necessity for carrying this reserve stock ceases, the surplus will be invoiced to the proper accountable officer. The fact of having on hand a reserve will not be authority to issue on memorandum receipt to a company or other smaller organization any property in excess of its prescribed Equipment C. If articles not listed as part of Equipment C are necessary, they will likewise be carried on the same return, but as soon as a post, depot, or camp supply officer is designated, such property will be invoiced to him.

10. Returns for property for which the battalion supply officer is accountable will be made according to existing regulations and orders.

TABLE 1.—*Telegraph Battalion Signal Corps.*

| Organization and duties. | Commissioned. | | | | Enlisted. | | | | | | | | | Motor transportation. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Combat supplied by Signal Corps. | | | | |
| | Major. | Captain. | First lieutenant. | Total. | Master signal electrician. | Sergeant, first class. | Sergeant. | Corporal. | Cook. | Horseshoer. | Private, first class. | Private. | Total. | Inspection cars. | Motorcycles with side cars. | Trucks. | Field train. | Pistols. |
| Headquarters | 1 | .... | [1] 1 | 2 | .... | [2] 1 | .... | .... | .... | .... | .... | [3] 3 | 4 | 1 | 2 | .... | .... | 6 |
| Supply detachment | .... | .... | [4] 1 | 1 | .... | .... | [5] 1 | .... | .... | .... | [6] 4 | .... | 5 | .... | .... | .... | 2 | 6 |
| Two telegraph companies [7] | .... | 2 | 4 | 6 | 4 | 14 | 22 | 34 | 4 | 2 | 96 | 24 | 200 | 2 | 26 | 26 | .... | 206 |
| Total | 1 | 2 | 6 | 9 | 4 | 15 | 23 | 34 | 4 | 2 | 100 | 27 | 209 | 3 | 28 | 26 | 2 | 218 |
| Attached sanitary troops | .... | 1 | .... | 1 | .... | .... | 1 | .... | .... | .... | 5 | | 6 | .... | .... | .... | .... | .... |

ORGANIZATION OF A TELEGRAPH COMPANY.

| | Master signal electrician. | Sergeant, first class. | Sergeant. | Corporal. | Cook. | Horseshoer. | Private, first class. | Private. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Company commander's detail: | | | | | | | | | |
| Master signal electricians | 2 | | | | | | | | 2 |
| First sergeant | | 1 | | | | | | | 1 |
| Supply sergeant | | | 1 | | | | | | 1 |
| Mess sergeant | | | 1 | | | | | | 1 |
| Mechanics | | | 1 | 4 | | | | | 5 |
| Clerk | | | | 1 | | | | | 1 |
| Blacksmith | | | | | | 1 | | | 1 |
| Cooks | | | | | 2 | | | | 2 |
| Buglers | | | | | | | 2 | | 2 |
| Driver, inspector's car | | | | | | | 1 | | 1 |
| Motorcycle drivers, for platoon chiefs | | | | | | | 2 | | 2 |
| Driver, truck | | | | | | | 1 | | 1 |
| Total for company headquarters | 2 | 1 | 3 | 5 | 2 | 1 | 6 | | 20 |
| Telegraph section: | | | | | | | | | |
| Chief of section | | 1 | | | | | | | 1 |
| Chief operator | | 1 | | | | | | | 1 |
| Chief lineman | | | 1 | | | | | | 1 |
| Operators | | | 1 | 2 | | | 3 | | 6 |
| Linemen | | | | 1 | | | 6 | 1 | 8 |
| Drivers of trucks | | | | | | | 3 | | 3 |
| Messengers | | | | | | | | 2 | 2 |
| Total for section | | 2 | 2 | 3 | | | 12 | 3 | 22 |
| Total for 2 sections | | 4 | 4 | 6 | | | 24 | 6 | 44 |
| Telephone section: | | | | | | | | | |
| Chief of section | | 1 | | | | | | | 1 |
| Chief operator | | | 1 | | | | | | 1 |
| Chief lineman | | | 1 | | | | | | 1 |
| Switchboard operators | | | | 3 | | | | | 3 |
| Linemen | | | | | | | 6 | 1 | 7 |
| Drivers of trucks | | | | | | | 3 | | 3 |
| Messengers | | | | | | | | 2 | 2 |
| Total for section | | 1 | 2 | 3 | | | 9 | 3 | 18 |
| Total for 2 sections | | 2 | 4 | 6 | | | 18 | 6 | 36 |
| Total for a company | 2 | 7 | 11 | 17 | 2 | 1 | 48 | 12 | 100 |

[1] Battalion adjutant.
[2] Acting sergeant major.
[3] Orderlies and drivers.
[4] Supply officer.
[5] Supply sergeant.
[6] Clerks and drivers.
[7] Each company organized into 4 sections: 2 telephone and 2 telegraph sections.

TABLE 2.—*Quartermaster property.*

| Articles. | Company. | | | Battalion headquarters and supply detail. | | | Attached sanitary troop. | | | Total for the battalion. | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Equipment— | | | Equipment— | | | Equipment— | | | Equipment— | | | |
| | A. | B. | C. | A. | B. | C. | A. | B. | C. | A. | B. | C. | |
| STRENGTH. | | | | | | | | | | | | | |
| Officers | | 3 | | | 3 | | | 1 | | | 10 | | |
| Enlisted men | | 100 | | | 9 | | | 6 | | | 215 | | |
| Aggregate | | 103 | | | 12 | | | 7 | | | 225 | | |
| Arresters, spark | | 16 | 16 | | 6 | 6 | | 2 | 2 | | 40 | 40 | Winter use. |
| Axes and helves | 14 | 7 | 21 | 1 | 1 | 2 | | 1 | 1 | 29 | 16 | 45 | |
| Bags, surplus kit | | 13 | 13 | | 1 | 1 | | 1 | 1 | | 28 | 28 | |
| Bags, water, sterilizing | 1 | | 1 | | | | 1 | | 1 | 3 | | 3 | |
| Bars, mosquito, single | 50 | 50 | 100 | 5 | 4 | 9 | 3 | 3 | 6 | 108 | 107 | 215 | |
| Bed sacks | | 100 | 100 | | 9 | 9 | | 6 | 6 | | 215 | 215 | |
| Blankets, O. D | 100 | 100 | 200 | 9 | 9 | 18 | 6 | 6 | 12 | 215 | 215 | 430 | |
| Brooms, corn | | 5 | 5 | | 1 | 1 | | 1 | 1 | | 12 | 12 | |
| Brushes: | | | | | | | | | | | | | |
| Marking | | 1 | 1 | | 1 | 1 | | | 1 | | 3 | 3 | |
| Scrubbing | | 4 | 4 | | 1 | 1 | | 1 | 1 | | 10 | 10 | |
| Buckets, galvanized iron | 4 | 4 | 8 | 1 | 1 | 2 | | | | 5 | 5 | 10 | |
| Bugles, with sling | 2 | | 2 | | | | | | | 4 | | 4 | |
| Candles, ounces, per day | (1) | | (1) | (2) | | (2) | (1) | | (1) | (1) | | (1) | [1] Such quantities as commanding officer directs. [2] When other illuminants not furnished by the quartermaster. |
| Candles, lantern | (1) | | (1) | (1) | | (1) | (1) | | (1) | (1) | | (1) | [1] Such quantities as commanding officer directs. |
| Carborundum wheel, with fixtures | 1 | | 1 | | | | | | | 2 | | 2 | |
| Chairs, folding | | | | | 2 | 2 | | | | | 2 | 2 | |
| Chests, commissary, with equipment | | | | | 1 | 1 | | | | | 1 | 1 | For contents, see p. 18. |
| Clothing: | | | | | | | | | | | | | |
| Belts, waist | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | |
| Breeches, pairs | 100 | 100 | 200 | 9 | 9 | 18 | 6 | 6 | 12 | 215 | 215 | 430 | |
| Chevrons, and other sleeve insignia device: | | | | | | | | | | | | | |
| Master signal electrician | 6 | | 6 | | | | | | | 12 | | 12 | 1 pair each for O. D. shirt, service coat, and overcoat. |
| Sergeants, first class, Signal Corps | 21 | | 21 | 3 | | 3 | | | | 45 | | 45 | |
| Sergeants, Medical Department | | | | | | | 3 | | 3 | 3 | | 3 | |
| Sergeants, Signal Corps | 33 | | 33 | 3 | | 3 | | | | 69 | | 69 | |
| Corporal, Signal Corps | 51 | | 51 | | | | | | | 102 | | 102 | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cooks, Signal Corps | 4 | | 4 | | | | | | | 8 | | 8 | |
| Horseshoer | 2 | | 2 | | | | | | | 4 | | 4 | |
| Private, first class, Medical Department. | | | | | | | 10 | | 10 | 10 | | 10 | 1 pair each for service coat and overcoat. |
| Private, first class, Signal Corps | 96 | | 96 | 8 | | 8 | | | | 200 | | 200 | |
| Coats, service | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | |
| Cords, hat, Medical Department | | | | | | | 6 | | 6 | 6 | | 6 | |
| Cords, hat, Signal Corps | 100 | | 100 | 9 | | 9 | | | | 209 | | 209 | |
| Drawers, pairs | 200 | 100 | 300 | 18 | 9 | 27 | 12 | 6 | 18 | 430 | 215 | 645 | |
| Gloves, riding, pairs | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | |
| Gloves, woolen | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | Winter use. |
| Hats, service, with tying cord | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | |
| Laces, shoes, extra, pairs | 100 | 100 | 200 | 9 | 9 | 18 | 6 | 6 | 12 | 215 | 215 | 430 | |
| Leggings, canvas, mounted, pairs | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | |
| Shirts, flannel, O. D | 100 | 100 | 200 | 9 | 9 | 18 | 6 | 6 | 12 | 215 | 215 | 430 | |
| Shoes, marching | 100 | 100 | 200 | 9 | 9 | 18 | 6 | 6 | 12 | 215 | 215 | 430 | |
| Stockings, pairs | 300 | 200 | 500 | 27 | 18 | 45 | 18 | 12 | 30 | 645 | 430 | 1,075 | |
| Tags, identification | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | |
| Tape for identification tags, yards | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | |
| Undershirts | 200 | 100 | 300 | 18 | 9 | 27 | 12 | | 18 | 430 | 215 | 645 | |
| Coal, smithing, pounds | 30 | 60 | 90 | 10 | 20 | 30 | | | | 70 | 140 | 210 | |
| Containers, mineral oil | | | | | | | | | | 1 | | 1 | 1 for each 5 gallons of mineral oil or fraction thereof authorized for Equipment A. |
| Cooking utensils, march kit: | | | | | | | | | | | | | |
| Cans, water, galvanized iron, large | 1 | | 1 | | | | | | | 2 | | 2 | |
| Cans, water, galvanized iron, small | 1 | | 1 | | | | | | | 2 | | 2 | |
| Cleaver, meat | 1 | | 1 | | | | | | | 2 | | 2 | |
| Dipper, large | 1 | | 1 | | | | | | | 2 | | 2 | |
| Fork, meat, large | 1 | | 1 | | | | | | | 2 | | 2 | |
| Irons, fire, set | 1 | | 1 | | | | | | | 2 | | 2 | |
| Kettle, camp, with cover | 3 | | 3 | | | | | | | 6 | | 6 | |
| Knives, butcher, 8-inch | 1 | | 1 | | | | | | | 2 | | 2 | |
| Pan, bake, large | 4 | | 4 | | | | | | | 8 | | 8 | |
| Turner, cake, large | 1 | | 1 | | | | | | | 2 | | 2 | |
| Wall tent fly | | | | | | | | | | | | | (See "Tentage, heavy.") |
| Desks, field, small | 1 | | 1 | 1 | | 1 | | | | 3 | | 3 | |
| Flags, distinguishing, telegraph, with staff | 6 | | 6 | | | | | | | 12 | | 12 | |
| Forge, portable | | 1 | 1 | | | | | | | | 2 | 2 | |
| Fuel, wood, cooking, cords per day | 1/12 | | 1/12 | | | | | | | 1/6 | | 1/6 | See "Additional camp supplies." |
| Fuel, wood, heating | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | [1] As prescribed by commanding officer. |
| Globes: | | | | | | | | | | | | | |
| Lantern | 4 | 2 | 6 | 1 | 2 | 3 | | | | 9 | 6 | 15 | |
| Lantern, distinguishing, telegraph | 6 | 6 | 12 | | | | | | | 12 | 12 | 24 | |
| Guidons, telegraph company with case and staff: | | | | | | | | | | | | | |
| Service | 1 | | 1 | | | | | | | 2 | | 2 | |
| Silk | 1 | | 1 | | | | | | | 2 | | 2 | |
| Handcuffs, pair | | | | 1 | | 1 | | | | 1 | | 1 | |
| Headnets, mosquito | 12 | | 12 | 2 | | 2 | 1 | | 1 | 27 | | 27 | |
| Iron, bars, assorted, pounds | | | | 25 | 50 | 75 | | | | 25 | 50 | 75 | |
| Lampblack, pounds | | 1 | 1 | | | | | | | | 2 | 2 | |
| Lantern frames, combination | 4 | 2 | 6 | 7 | 2 | 9 | | | | 15 | 6 | 21 | |

TABLE 2.—*Quartermaster property*—Continued.

| Articles. | Company. | | | Battalion headquarters and supply detail. | | | Attached sanitary troop. | | | Total for the battalion. | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Equipment— | | | Equipment— | | | Equipment— | | | Equipment— | | | |
| | A. | B. | C. | A. | B. | C. | A. | B. | C. | A. | B. | C. | |
| STRENGTH—continued. | | | | | | | | | | | | | |
| Matches, boxes (10 days supply) | 24 | | 24 | 6 | | 6 | 6 | | 6 | 60 | | 60 | Issued as required. See "Additional camp supplies." |
| Nails: | | | | | | | | | | | | | |
| 8-penny, pounds | | 10 | 10 | | 10 | 10 | | | | | 30 | 30 | |
| 10-penny, pounds | | 40 | 40 | | 40 | 40 | | | | | 120 | 120 | |
| 20-penny, pounds | | 25 | 25 | | 25 | 25 | | | | | 75 | 75 | |
| Nail-puller | 1 | | 1 | 1 | | 1 | | | | 3 | | 3 | |
| Oil, mineral | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | [1] Issued as required, ½ pint per day for every authorized oil-burning lantern of any type. |
| Overcoats | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | Winter use. |
| Paulins, large | | 1 | 1 | | 1 | 1 | | | | | 3 | 3 | |
| Pickaxes and helves | 2 | 6 | 8 | 1 | 1 | 2 | | 1 | 1 | 5 | 14 | 19 | |
| Pins, tent, shelter | 530 | | 530 | 65 | | 65 | 40 | | 40 | 1,165 | | 1,165 | |
| Poles, tent, shelter | 106 | | 106 | 13 | | 13 | 8 | | 8 | 233 | | 233 | |
| Pots, marking | | 1 | 1 | | 1 | 1 | | | | | 3 | 3 | |
| Powder, hydrochloride of lime, tubes | 50 | (1) | 50 | | (1) | | 30 | (1) | 30 | 130 | (1) | 130 | [1] See "Additional camp supplies." |
| Ranges, field, complete: | | | | | | | | | | | | | |
| Range No. 1 | | 1 | 1 | | | | | | | | 1 | 1 | |
| Range No. 2 | | | | | 1 | 1 | | | | | 1 | 1 | |
| Rations: | | | | | | | | | | | | | |
| Field | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | [1] F. S. R. 253 and 302 and additional camp supplies. |
| Reserve | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | When ordered. |
| Shield, galvanized iron | | 2 | 2 | | 2 | 2 | | 1 | 1 | | 7 | 7 | |
| Slickers | 100 | | 100 | 9 | | 9 | 6 | | 6 | 215 | | 215 | |
| Soap, pounds (issued as required) | 10 | (1) | 10 | 2 | (1) | 2 | 1 | (1) | 1 | 23 | (1) | 23 | [1] See "Additional camp supplies." |
| Spades | 2 | 5 | 7 | 1 | 1 | 2 | | 1 | 1 | 5 | 12 | 17 | |
| Standard, National: | | | | | | | | | | | | | |
| Silk | | | | 1 | | 1 | | | | 1 | | 1 | |
| Service | | | | 1 | | 1 | | | | 1 | | 1 | |
| Telegraph battalion, Signal Corps | | | | 1 | | 1 | | | | 1 | | 1 | |
| Stencil, plates, sets | | | | | 1 | 1 | | | | | 1 | 1 | See list, p. 19. |
| Sticks, size, shoe | | 1 | 1 | | | | | | | | 2 | 2 | |
| Stoves, tent | | 16 | 16 | | 5 | 5 | | 2 | 2 | | 39 | 39 | |
| Stovepipe, elbows | | 4 | 4 | | 4 | 4 | | 2 | 2 | | 14 | 14 | |
| Stovepipe joints | | 84 | 84 | | 29 | 29 | | 12 | 12 | | 209 | 209 | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stretchers, show | 1 | | 1 | 1 | | 1 | | | | 3 | | 3 | |
| Tables, folding | | | | | 1 | 1 | | | | | 1 | 1 | |
| Tapes, foot measure | | 1 | 1 | | | | | | | | 2 | 2 | |
| Tents, half, shelter | 106 | | 106 | 13 | | 13 | 8 | | 8 | 233 | | 233 | |
| Tentage, heavy: | | | | | | | | | | | | | |
| Tents, complete— | | | | | | | | | | | | | |
| Pyramidal, large | | 15 | 15 | | 3 | 3 | | 1 | 1 | | 34 | 34 | Includes office or store tent. |
| Wall, small | | 2 | 2 | 1 | 1 | 2 | | 1 | 1 | 1 | 6 | 7 | |
| Canvas, latrine screen | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 3 | 3 | |
| Flies, tent, wall, large | 1 | | 1 | | | | 1 | | | 2 | | 2 | G. O. 13, W. D., 1916. |
| Toilet articles: | | | | | | | | | | | | | |
| Housewives | 13 | | 13 | 1 | | 1 | 1 | | 1 | 28 | | 28 | |
| Soap, cakes | 250 | | 250 | 23 | | 23 | 15 | | 15 | 538 | | 538 | A. R. 1215, 10 days' supply in active campaign only. |
| Trucks, motor | | | | 2 | | 2 | | | | | | | |
| Whistles and chain | 9 | | 9 | 4 | | 4 | | | | 22 | | 22 | |
| Wicks, lantern | 4 | 2 | 6 | 7 | 2 | 9 | | | | 11 | 6 | 17 | |
| *Additional camp supplies.* | | | | | | | | | | | | | |
| (Provided by camp quartermaster and therefore not to be taken to camp by organization.) | | | | | | | | | | | | | |
| Brushes, whitewash | | 1 | 1 | | 1 | 1 | | | | | 3 | 3 | |
| Cans, garbage | | 2 | 2 | | 1 | 1 | | | | | 5 | 5 | Not furnished if garbage is burned in kitchen pits. |
| Cans, night urinal | | 1 | 1 | | 1 | 1 | | | | | 3 | 3 | |
| Candles (A. R. 1215) | | | | | | | | | | | | | |
| Fuel, wood, cooking | | $\frac{1}{12}$ | $\frac{1}{12}$ | | $\frac{1}{12}$ | $\frac{1}{12}$ | | | | | $\frac{1}{4}$ | $\frac{1}{4}$ | See also p. 9. |
| Fuel, wood, heating | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | [1] Winter use, allowance prescribed by commanding general. |
| Fuel, wood, for kitchen pits (The fuel equivalent in coal may be substituted for wood for cooking and heating purposes.) | | $\frac{1}{12}$ | $\frac{1}{12}$ | | $\frac{1}{12}$ | $\frac{1}{12}$ | | | | | $\frac{1}{4}$ | $\frac{1}{4}$ | If kitchen pits are authorized. |
| Ice, pounds per day | | 100 | 100 | | 36 | 36 | | 24 | 24 | | 260 | 260 | |
| Lime, pounds per day | | 10 | 10 | | 10 | 10 | | | | | 30 | 30 | |
| Matches | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | [1] A. R. 1215. |
| Oil: | | | | | | | | | | | | | |
| For burning out latrines, gallons, per day | | 1 | 1 | | 1 | 1 | | | | | 3 | 3 | |
| Neat's-foot, pints | | 3 | 3 | | 1 | 1 | | | | | 7 | 7 | |
| Paper, toilet, per day (rolls of 1,000 sheets) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | [1] A. R. 1215. |
| Powder, hydrochloride of lime, tubes, per day | | 5 | 5 | | | | | 5 | 5 | | 15 | 15 | |
| Rations | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | [1] A. R. and F. S. R. |
| Soap, ounces, per day | | 64 | 64 | | 6 | 6 | | 4 | 4 | | 138 | 138 | A. R. 1215. |
| Straw: | | | | | | | | | | | | | |
| For bed sacks, pounds | | 3,000 | 3,000 | | 270 | 270 | | 210 | 210 | | 6,480 | 6,480 | A. R. 1084. Not issued in Tropics. |
| For burning out latrines, pounds, per day | | 15 | 15 | | 15 | 15 | | | | | 45 | 45 | |

TABLE 3.—*Ordnance property.*

| Articles. | Enlisted strength. | | | | Remarks. |
|---|---|---|---|---|---|
| | 100 | 9 | 6 | 215 | |
| | Company. | Battalion headquarters and supply detail. | Attached sanitary troops. | Total for battalion. | |
| EQUIPMENT A. | | | | | |
| ARMS. | | | | | |
| (*Class VII, sec. 2.*) | | | | | |
| Magazines, pistol, extra | 200 | 18 | ..... | 418 | |
| Pistols, caliber .45 | 100 | 9 | ..... | 209 | |
| (*Class VIII, sec. 2.*) | | | | | |
| Cartridges, ball, pistol, caliber .45 | 2,100 | 189 | ..... | 4,389 | |
| PERSONAL EQUIPMENT. | | | | | |
| (*Class IX, sec. 1.*) | | | | | |
| Belt, web, Hospital Corps | ..... | ..... | 6 | 6 | |
| Cans, bacon | 100 | 9 | 6 | 215 | |
| Cans, condiment | 100 | 9 | 6 | 215 | |
| Canteen, Model 1910 | 100 | 9 | 6 | 215 | |
| Canteen covers, dismounted, Model 1910 | 100 | 9 | 6 | 215 | |
| Cups, Model 1910 | 100 | 9 | 6 | 215 | |
| Forks | 100 | 9 | 6 | 215 | |
| Hangers, double web, for canteen | ..... | ..... | 6 | 6 | |
| Haversacks, Model 1910 | 100 | 9 | 6 | 215 | |
| Knives | 100 | 9 | 6 | 215 | |
| Meat cans | 100 | 9 | 6 | 215 | |
| Pack carriers | 100 | 9 | 6 | 215 | |
| Pouches for diagnosis tags and instruments. | ..... | ..... | 6 | 6 | |
| Pouches for first-aid packet | 100 | 9 | 6 | 215 | |
| Spoons | 100 | 9 | 6 | 215 | |
| (*Class IX, sec. 2.*) | | | | | |
| Pistol holsters, caliber .45 | 100 | 9 | ..... | 209 | |
| (*Class IX, sec. 3.*) | | | | | |
| Pistol belts, without saber rings | 100 | 9 | ..... | 209 | |
| (*Class IX, sec. 5.*) | | | | | |
| Ration bags, Cavalry | ..... | ..... | 6 | 6 | |
| INTRENCHING TOOLS. | | | | | |
| (*Class X, sec. 3.*) | | | | | |
| Hand axes, Infantry | ..... | ..... | 6 | 6 | |
| Hand ax carriers | ..... | ..... | 6 | 6 | |
| ORGANIZATION EQUIPMENT. | | | | | |
| (*Class X, sec. 5.*) | | | | | |
| Marking outfit, for stamping leather | 1 | ..... | ..... | 2 | |
| Marking outfit for stamping metal | 1 | ..... | ..... | 2 | |
| Stencil outfit | 1 | ..... | ..... | 2 | A stencil outfit consists of 1 chest; 1 stencil brush; 1 box of stencil paste; 1 set of letters, ½ inch, A to Z, character "&" and period; 1 set of figures, ½ inch, 0 to 9, inclusive; 4 end pieces, ½ inch; 1 set of letters, 1 inch, A to Z, character "&" and period; 1 set of figures, 1 inch, 0 to 9, inclusive; 4 end pieces, 1 inch. |
| (*Class X, sec. 9.*) | | | | | |
| Pistol cleaning kit | 1 | 1 | ..... | 3 | |
| EQUIPMENT B. | | | | | |
| (*Class X, sec. 1.*) | | | | | |
| Arm lockers, automatic pistol, caliber .45. | 1 | 1 | ..... | 3 | |

TABLE 4.—*Signal property.*

EQUIPMENT A.

| Article. | Telegraph company. | | | | Battalion headquarters and supply detachment. | Total for battalion. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Company headquarters. | Telegraph sections. | Telephone sections. | Total for company. | | | |
| Accessories; motor truck, sets | 1 | 3 | 3 | 13 | ..... | 26 | |
| Arresters, lightning | ..... | 4 | 20 | 48 | ..... | 96 | |
| Axes, hand | ..... | 4 | 4 | 16 | ..... | 32 | |
| Ax helves, hand | 6 | ..... | ..... | 6 | ..... | 12 | |
| Bags, tool, service, complete | ..... | 1 | 1 | 4 | ..... | 8 | For contents, see p. 19. |
| Bars, digging and tamping | ..... | 4 | 4 | 16 | ..... | 32 | |
| Bars, wrecking, carpenter | ..... | 1 | 1 | 4 | ..... | 8 | |
| Batteries, dry, reserve, No. 6 | ..... | 15 | 8 | 46 | ..... | 92 | |
| Batteries, dry, tungsten, type A. | 12 | 12 | 64 | 164 | 6 | 334 | |
| Belts, lineman, with safety strap. | ..... | 2 | 2 | 8 | ..... | 16 | |
| Blanks, telegraph, receiving | 2,000 | ..... | ..... | 2,000 | ..... | 4,000 | |
| Blanks, telegraph, sending | 2,000 | ..... | ..... | 2,000 | ..... | 4,000 | |
| Books, field message | 28 | 15 | 6 | 70 | 12 | 152 | |
| Brackets, iron, for lance pole | ..... | 25 | 25 | 100 | ..... | 200 | |
| Buzzers, service, complete | ..... | ..... | ..... | ..... | 2 | 2 | Includes ground rod, cord, and connector. |
| Candles, lantern | 100 | 12 | 6 | 136 | 200 | 472 | |
| Cans, gasoline, 1-gallon | 1 | 1 | 1 | 5 | 1 | 11 | |
| Carbide, charges | 40 | ..... | ..... | 40 | 40 | 120 | |
| Cases, map | 3 | 1 | 1 | 7 | 1 | 15 | |
| Chests, mechanic's tool, No. 1. | 1 | ..... | ..... | 1 | 1 | 3 | For contents, see p. 20. |
| Chests, mechanic's tool, No. 2. | 1 | ..... | ..... | 1 | 1 | 3 | For contents, see p. 20. |
| Chests, packing | 2 | 2 | 2 | 10 | 1 | 21 | |
| Chests, repair parts, telephone. | 1 | ..... | ..... | 1 | ..... | 2 | For contents, see p. 20. |
| Clamps, splicing, 7-inch | ..... | 4 | 4 | 16 | ..... | 32 | |
| Climbers and straps | ..... | 2 | 2 | 8 | ..... | 16 | |
| Compasses, pocket | 3 | 1 | 1 | 7 | 1 | 15 | |
| Cord, sash, No. 6, feet | ..... | 100 | 100 | 400 | ..... | 800 | |
| Envelopes, field message | 1,000 | 500 | ..... | 2,000 | 500 | 4,500 | |
| Envelopes, message | 1,000 | ..... | ..... | 1,000 | ..... | 2,000 | |
| Flash-lights | 6 | 6 | 2 | 22 | 2 | 46 | |
| Fuses, arrester, extra | ..... | 12 | 50 | 124 | ..... | 248 | |
| Glasses, field, type D or EE | 3 | 1 | 1 | 7 | 1 | 15 | |
| Grips, Buffalo, with pulley | ..... | 1 | 1 | 4 | ..... | 8 | |
| Heliographs, complete, with tripods. | 2 | ..... | ..... | 2 | ..... | 4 | |
| Hydrometers | 1 | 3 | 3 | 13 | 1 | 27 | |
| Insulators, clamp | ..... | 150 | 100 | 500 | ..... | 1,000 | |
| Insulators, pigtail | ..... | 450 | 325 | 1,550 | ..... | 3,100 | |
| Insulators, pony, composition. | ..... | 100 | 350 | 900 | ..... | 1,800 | |
| Jack straps | ..... | 1 | ..... | 2 | ..... | 4 | |
| Kits, flag, combination | 8 | ..... | ..... | 8 | ..... | 16 | For contents, see p. 20. |
| Kits, flag, 4-foot | 2 | ..... | ..... | 4 | ..... | 8 | For contents, see p. 20. |
| Kits, inspector's pocket | 2 | 3 | 2 | 12 | ..... | 24 | For contents, see p. 21. |
| Kits, repair, motor company. | 1 | ..... | ..... | 1 | ..... | 2 | For contents, see p. 21. |
| Kits, soldering | ..... | ..... | 1 | 2 | ..... | 4 | For contents, see p. 21. |
| Knives, electrician's | 6 | ..... | 12 | 30 | ..... | 60 | |
| Lanterns, acetylene | 2 | ..... | ..... | 2 | ..... | 4 | |
| Lanterns, candle | 2 | 4 | 2 | 14 | 2 | 30 | |
| Marlin, pounds | ..... | ..... | 10 | 20 | ..... | 40 | |
| Motorcycles, with side car | 5 | 2 | 2 | 13 | 2 | 28 | |
| Nails, 8-penny, pounds | ..... | 5 | 10 | 30 | ..... | 60 | |
| Pencils, lead | 12 | 12 | 6 | 48 | 12 | 108 | |
| Pliers, 7-inch | 4 | 10 | 12 | 48 | ..... | 96 | |
| Plow | ..... | ..... | 1 | 2 | ..... | 4 | |
| Poles, lance | ..... | 600 | 425 | 2,050 | ..... | 4,100 | |
| Reels, pay-out | ..... | 1 | 2 | 6 | ..... | 12 | |
| Rockets, parachute, red | ..... | ..... | ..... | ..... | 6 | 6 | |
| Rockets, parachute, white | ..... | ..... | ..... | ..... | 6 | 6 | |
| Rods, ground, type A, 5-foot. | ..... | 3 | 1 | 8 | ..... | 16 | |
| Shovels, long-handled | ..... | 1 | 1 | 4 | ..... | 8 | |
| Sounders, main-line | 2 | ..... | ..... | 2 | ..... | 4 | |
| Spade, tile-ditching | ..... | 1 | 1 | 4 | ..... | 8 | |
| Spectacles, smoked, with cases. | 12 | ..... | ..... | 12 | ..... | 24 | |

TABLE 4.—*Signal property*—Continued.

EQUIPMENT A—Continued.

| Article. | Telegraph company. | | | | Battalion headquarters and supply detachment. | Total for battalion. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Company headquarters. | Telegraph sections. | Telephone sections. | Total for company. | | | |
| Switchboard, telegraph, 2-line. | ..... | 1 | ..... | 2 | ..... | 4 | |
| Switchboard, telegraph, 8-line. | 1 | ..... | ..... | 1 | ..... | 2 | |
| Switchboard, telephone, camp. | ..... | ..... | 1 | 2 | ..... | 4 | |
| Tape, friction, pounds | 5 | 1 | 5 | 17 | ..... | 34 | |
| Tape, rubber, pounds | 5 | 1 | 5 | 17 | ..... | 34 | |
| Telegraph induction sets | ..... | 3 | ..... | 6 | ..... | 12 | |
| Telephones, camp | ..... | ..... | 21 | 42 | ..... | 84 | |
| Typewriters, field | 2 | ..... | ..... | 2 | 1 | 5 | |
| Vehicles: | | | | | | | |
| Inspection car, 5-passenger, touring. | 1 | ..... | ..... | 1 | 1 | 3 | |
| Trucks, motor, special | 1 | 3 | 3 | 13 | ..... | 26 | |
| Voltammeters | 1 | 1 | 1 | 5 | ..... | 10 | |
| Watches, wrist | 3 | 6 | 1 | 17 | 1 | 35 | Includes wristlet. |
| Wire: | | | | | | | |
| Copper, insulated, 64 mils, feet. | ..... | 500 | ..... | 1,000 | ..... | 2,000 | |
| Galvanized iron, 81 mils, miles. | ..... | 21 | 1 | 44 | ..... | 88 | |
| Twisted pair, copper clad, 45 mils, miles. | ..... | ..... | 17 | 34 | ..... | 68 | |

TABLE 5.—*Individual equipment.*

SECTION A.

(Service kit, clothing component, and equipment common to all enlisted men.)

| Article and class. | Equipment A. | | Equipment B |
|---|---|---|---|
| | Field kit worn on person. | Field kit carried on person. | Surplus kit. |
| Clothing: | | | |
| Belts, waist | 1 | | |
| Breeches, service | 1 | | 1 |
| Chevrons, and other sleeve insignia, service (as per Uniform Regulations) | | | |
| Cord, hat | 1 | | |
| Drawers, pair | 1 | 1 | 1 |
| Gloves, woolen (winter use) | 1 | | |
| Hat and cord, service | 1 | | |
| Laces, shoe, extra, pair | | 1 | |
| Leggins, leather, pair | 1 | | |
| Shirt, flannel, olive-drab | 1 | | 1 |
| Shoes, marching, pair | 1 | | 1 |
| Stockings, pair | 1 | 1 | 2 |
| Tags, identification | 1 | | |
| Tape, for identification tags, yards | 1 | | |
| Undershirts | 1 | 1 | 1 |
| Toilet articles: | | | |
| Comb | | 1 | |
| Soap, cake | | 1 | |
| Toothbrush | | 1 | |
| Towel, face | | 1 | |
| Quartermaster property: | | | |
| Bars, mosquito, single (1 for every 2 men only) | | 1 | |
| Blankets, olive-drab | | 1 | 1 |
| Slicker | | 1 | |
| Tents, shelter, half (mounted) | | 1 | |
| Tents, shelter, pins | | 5 | |
| Tents, shelter, rope, guy | | 1 | |
| Tents, shelter, pole | | 1 | |
| Rations: | | | |
| Emergency (as ordered) | | | |
| Reserve (see F. S. R.) | | 2 | |
| Medical property: | | | |
| First-aid packet | 1 | | |
| Ordnance property: | | | |
| Cans, bacon | | 1 | |
| Can, condiment | | 1 | |
| Canteen, model 1910 | | 1 | |
| Canteen cover, dismounted, model 1910 | | 1 | |
| Cartridges, ball, pistol | 21 | | |
| Cups, model 1910 | | 1 | |
| Forks | | 1 | |
| Haversacks, model 1910 | | 1 | |
| Magazines, pistol, extra | 2 | | |
| Meat cans | | 1 | |
| Pack carrier | | 1 | |
| Pistol, caliber .45 | 1 | | |
| Pistol belt, without saber ring | 1 | | |
| Pistol holster | 1 | | |
| Pouch, for first-aid packet | 1 | | |
| Spoon | | 1 | |

SECTION B.

(For master signal electricians and chiefs of sections.)

| | | | |
|---|---|---|---|
| In addition to section A: | | | |
| Glass, field, type D or EE | | 1 | |
| Kits, inspector's pocket | | 1 | |
| Watches, wrist | 1 | | |

SECTION C.

(For first sergeant.)

| | | | |
|---|---|---|---|
| In addition to section A: | | | |
| Glasses, field, type D or EE | | 1 | |
| Watches, wrist | 1 | | |

Other Signal Corps equipment will be carried by members of organization as directed by the organization commander.

## GENERAL NOTES.

TABLE 6.—*Assembled equipment and accessories.*

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### QUARTERMASTER PROPERTY.

Chest, commissary, with equipment:
- 2 blades, meat saw, 22-inch.
- 1 bolt, stove.
- 1 brace, carpenter's.
- 2 candlesticks, galvanized iron, spiked bottom and sides.
- 1 cleaver, 8-inch.
- 2 drills, twist.
- 2 faucets, wood, 8-inch.
- 1 funnel, quart.
- 1 hammer, claw and helve.
- 6 hooks, meat, for racks.
- 1 iron, soldering.
- 1 knife, butcher, 8-inch.
- 1 knife, butcher, 10-inch.
- 1 measure, liquid, quart.
- 6 needles, packing.
- 1 opener, box.
- 3 openers, can.
- 3 pencils, lumber.
- 1 plier, combination.
- ½ rosin, pound.
- 1 saw, hand, crosscut.
- 1 saw, meat, 22-inch.
- 1 scale, beam.
- 1 scale, spring balance.
- 1 scoop, large.
- 1 scoop, small.
- 1 scraper, box.
- 1 screw driver.
- 1 shears, tinner's.
- 8 sheets, steel, 12 by 12 inches.
- 1 solder, prepared, pound.
- 1 steel, butcher's.
- 1 scale beam.
- 1 tap, borer.

Cooking utensils, march kit (see notes on page 10):
- 1 cake turner.
- 1 cleaver, meat.
- 1 flour sieve.
- 1 fork, meat, large.
- 1 knife, meat, large.

Cooking utensils, march kit—Continued.
- 1 ladle, soup.
- 1 fire irons, sets.
- 4 kettles, camp.
- 4 pans, bake.
- 2 pans, dish.

Desks, field, small:

A field desk when packed must not exceed 35 pounds in weight. The contents include records, manuals, blanks, and stationery. The stationery for a single desk should not exceed the following, which is prescribed as an allowance for 30 days. This allowance applies also to each field desk not furnished by Quartermaster Corps.

- 1 bands, rubber, No. 18, gross.
- 4 blocks, memo. or scratch pad, for pencil.
- 2 books, duplicating, letter size.
- 200 envelopes, official.
- 1 eraser, rubber, ink and pencil.
- 1 eraser, rubber, typewriter.
- 1 eraser, steel.
- 1 fasteners, paper, box.
- 1 file, office, General Order.
- 1 file, office, Special Orders.
- 1 ink, black, tablets, can.
- 1 ink, red, tablets, can.
- 1 mucilage (or paste), bottle or tube.
- 6 paper, blotting, 4 by 9½ inches, sheets.
- 2 paper, blotting, 12 by 19 inches, sheets.
- 25 paper, carbon, letter size, sheets.
- 5 paper, letter, typewriter, quires.
- 4 pencils, indelible.
- 2 pencils, lead.
- 2 pencils, colored (blue and red).
- 4 penholders.
- 24 pens, steel.
- 1 pins, office, cone.
- 2 ribbons, typewriter, record.
- 1 ruler, office, 12-inch.
- 1 shears, office.

Desks, field, small—Continued.
- 1 tape, office, spool.
- 1 twine, wrapping, ball.
- 3 wax, sealing, ounces.

Ranges, field, complete, No. 1:
- 1 field range (1 body, No. 41 and 1 boiling plate, No. 42).
- 1 Alamo attachment (2 pieces, 42a and 42b).
- 6 boilers, Nos. 48, 49, 50, 51, 53, and 54.
- 1 cleaver, 6-inch.
- 1 dipper, ½-gallon, No. 55.
- 1 dipper, quart, No. 56.
- 2 forks, small.
- 1 grinder, meat.
- 1 guard, tent, 6½ inches.
- 3 knives, butcher, 8-inch.
- 2 pans, bake, No. 52.
- 1 pipe, smoke, elbow, No. 47.
- 4 pipes, smoke, joints, Nos. 43, 44, 45, and 46.
- 4 rests, pan, No. 57.
- 1 saw, meat, 15-inch blade.
- 1 skimmer, large.
- 2 spoons, large.
- 1 steel, butcher's, 10-inch.

Ranges, field, complete, No. 2:
- 1 field range (1 body, No. 61, and 1 boiling plate, No. 62).
- 2 boilers, Nos. 50 and 51.
- 1 dipper, ½-gallon, No. 55.
- 2 forks, meat, small.
- 1 guard, tent.
- 2 knives, butcher, 8-inch.
- 2 pans, bake, No. 52.
- 1 pipe, smoke, elbow, No. 67.

Ranges, field, complete, No. 2—Contd.
- 4 pipe, smoke, joints, Nos. 63, 64, 65, and 66.
- 2 rests, pan, No. 57.
- 1 saw, meat, 15-inch blade.
- 1 skimmer, small.
- 2 spoons, small.
- 1 steel, butcher's, 10-inch.

Stencil plates, set:
- 2 full alphabets, Roman capitals (including usual mark for "&").
- 2 series of numbers from 0 to 9.
- 1 cake of marking paste in tin box.
- 1 sponge.
- 1 stencil brush.

(1 set of numbers and letters is 1 inch high, the other ½ inch. These plates are issued in tin boxes with hinged lids.)

Fuel allowance:

Fuel is obtained as needed, which, on the march, will ordinarily be from day to day. It is not, therefore, prescribed as baggage. The amounts of fuel shown in the tables of allowances are based on requirements for average conditions. In certain instances the full allowances given will be in excess of actual requirements, in which case only such quantities as are actually required will be issued. Where conditions require the issue of allowances in excess of that shown, authority must be obtained from the department commander or commanding general in the field.

The prescription in the foregoing tables to the effect that the allowances of fuel for heating purposes will be fixed by the commanding general (or division commander) contemplates that the organizations are integral parts of a division on the march or in camp. Under other circumstances, the allowances for heating purposes should be fixed by the commanding officer.

## ORDNANCE PROPERTY.

Pistol-cleaning kit:
- 1 cleaning box with packing box.
- 10 cleaning rods.
- 10 throng brushes.

Pistol-cleaning kit—Continued.
- 10 screw drivers.
- 1 oil can.
- 1 grease pot.

## SIGNAL PROPERTY.

Accessories, motor truck sets:
- 1 axe, with helve.
- 1 bucket, galvanized iron.
- 1 can cup grease, 2 pounds.
- 1 chains, antiskid set.
- 1 extinguisher, fire, with hanger.
- 1 pick, with handle.
- 3 ropes, lash, ¾ inch, 75 feet long.

Accessories, motor truck sets—Contd.
- 1 spade.
- 1 sheet, wagon size, for truck.

Bags, tool, service, complete:
- 1 bit, Irwin, auger, each of the following sizes—
  - ¼-inch.
  - ⅜-inch.

Bags, tool, service, complete—Contd.
- 1 bit, Irwin, auger, each of the following sizes—Continued.
  - ½-inch.
  - ⅝-inch.
  - 1-inch.
- 1 brace, ratchet, 8-inch throw.
- 1 chisel, cold, ½-inch.
- 1 chisel, wood, ½-inch socket blade, iron, ring-topped handle.
- 1 hammer, claw, 16-ounce.
- 1 handle, with tools.
- 1 indicator, polarity.
- 1 knife, jack.
- 1 level, pocket, spirit, 3-inch.
- 1 plane, block, 6-inch.
- 1 pliers, pair, 6-inch, side cutting.
- 1 pliers, pair, 8-inch, side cutting.
- 1 rule, 4-foot, folding, boxwood, 8 parts.
- 1 saw, back, 10-inch.
- 1 screw driver, 6-inch.
- 1 screw driver, 10-inch.
- 1 solder, resin core, pound.
- 1 try-square, steel, 4-inch blade.
- 1 wrench, monkey, 6-inch.
- 1 wrench, socket, for telephone apparatus, 4-inch.

Chests, repair parts for telephone:
- 5 beeswax, pounds.
- 100 carbon, pairs, protector, switchboard.
- 20 cells, dry, reserve, No. 6.
- 10 condensers, 2 M. F.
- 50 cords, for camp telephones.
- 25 cords, switchboard, 2 conductors without plugs, pairs.
- 6 cords, transmitter, switchboard 72 inch pin terminal.
- 6 cords, receivers, switchboard, 2 conductors, 72-inch.
- 10 cords, hand set, 3 conductors.
- 5 diaphragm, transmitter camp phone
- 2 ear caps, operator's, receiving.
- 10 emery cloth, 00 sheets.
- 2 hand sets, camp phone.
- 50 heat coils.
- 5 induction coils, camp phone.
- 50 mica, for distributing frame, 1 ampere.
- 4 mouthpieces, transmitter, switchboard.
- 5 paraffin, pounds.
- 4 plugs, switchboard, No. 47–A.

Chests, repair parts for telephone—Con.
- 1 receiver switchboard, S. H.
- 1 transmitter, switchboard, Western Electric.
- ½ wire, fuse, ½ ampere, pounds.
- 1 wire, switchboard No. 22, pounds.

Chests, tool, mechanic's, No. 1, complete:
- 2 blades, hack saw, 12-inch, dozen.
- 1 can, oil, bicycle or pocket type, 2½ inches diameter, ¾ inch thick, curved spout, with screw cap.
- 1 chisel, cold, ½-inch, 6 inches long.
- 1 drill, hand.
- 1 drill, twist, set of 60, straight shank, Nos. 1 to 60.
- 4 files, 4-inch, round.
- 4 files, 4-inch, square.
- 6 files, 6-inch, round.
- 6 files, 8-inch, flat, bastard.
- 1 file cleaner.
- 1 frame, hack saw.
- 1 grinder, hand, 1 by 5 inches, carborundum wheel.
- 1 hammer, riveting, 4-ounce, cast steel.
- 1 handle, file, malleable iron.
- 1 iron, soldering, ¼-pound.
- 1 iron, soldering, 1½-pound.
- 1 oilstone, mounted, 8-inch, soft.
- 1 pliers, diagonal, 6-inch.
- 1 pliers, long nose, 5½-inch.
- 1 pliers, side cutting, 6-inch.
- 2 punches, center, straight shank.
- 1 screw driver, machinist's, swivel head, 5-inch, $\frac{5}{32}$-inch blade, $\frac{5}{16}$-inch handle.
- 1 screw driver, set.
- 1 screw plate, set.
- 1 shears, metal.
- 1 square, combination, 6-inch blade, without center head.
- 1 torch, gasoline.
- 1 vise, adjustable jaw, swivel base, 2-inch jaws, open 2½ inches.

Chests, tool, mechanic's, No. 2, complete:
- 1 bits, set of 14—thirteen ¼ to 1 inch by $\frac{1}{16}$ inch; 1 bit, expansive, ⅞ to 3 inches.
- 1 brace, 10-inch.
- 1 calipers, pair, 4-inch.
- 1 chisel, set of 5—1¾-inch, 1¼-inch, ⅞-inch, ⅝-inch, ¼-inch.
- 1 dividers, pair, 6-inch.

Chests, tool, mecha ic's, No. 2, complete—Continued.
- 1 drill, twist, bit, stock, set of 9—3 each of $\frac{5}{16}$ inch, $\frac{7}{16}$ inch, and $\frac{1}{2}$ inch diameter.
- 1 file cleaner.
- 1 file holder.
- 1 files, set of 14—three 8-inch, half round, smooth; three 8-inch, half round, bastard; two 8-inch, flat, bastard; six 6-inch, saw files.
- 1 hammer, claw.
- 1 hammer, riveting, 8-ounce.
- 1 hatchet, half, with handle.
- 1 knife, draw, 8-inch, folding type.
- 1 nail puller.
- 1 oilstone, 5-inch, mounted.
- 1 plane, block, $1\frac{5}{8}$-inch bit.
- 1 plane, jack, 2-inch bit.
- 1 rule.
- 1 saw, hand, 10-point, 26-inch.
- 1 saw, rip, 6-point, 28-inch.
- 1 saw, set.
- 1 screw driver, 5-inch.
- 1 screw driver, 7-inch.
- 1 screw plate, set.
- 1 square, 24-inch (short end cut to 14 inches).
- 1 tape, steel, 100-foot.
- 1 wrench, monkey, 6-inch.
- 1 wrench, monkey, 15-inch.
- 1 wrench, 14-inch.

Kit, flag, combination, standard:
- 1 case, canvas, combination.
- 1 staff, 2-foot, flag (3 joints).
- 1 flag, 2-foot, red.
- 1 flag, 2-foot, white.
- 2 staffs, semaphore.
- 2 flags, semaphore.

Kit, flag, 4-foot:
- 1 case, canvas, 4-foot.
- 1 staff, 4-foot, flag (3 joints).
- 1 flag, 4-foot, red.
- 1 flag, 4-foot, white.

Kit, inspector's pocket:
- 1 case, leather.
- 1 file, 3-inch, half round, bastard.
- 1 knife, electrician's.
- 1 pliers, 5-inch, side cutting, nickeled.
- 1 rule, 2-foot.
- 1 scissors, electrician's.

Kit, inspector's pocket—Continued.
- 1 screw driver.
- 1 tweezer.

Kits, repair, motor company:
- 1 block and tackle, made of 1-inch manila rope 300 feet, No. 100 and No. 200 steel.
- 2 boxes bolts, stove, assorted, standard quality.
- 1 calipers, adjustable, inside, 6-inch, Starrett's No. 275 or equal.
- 1 calipers, adjustable, outside, 6-inch, Starretts No. 274 or equal.
- 1 chisel, cold, octagon, 1 by 8 inches.
- 1 chisel, cold, octagon, $\frac{3}{4}$ by $7\frac{1}{2}$ inches.
- 1 chisel, cold, octagon, $\frac{3}{8}$ by 5 inches.
- 1 chisel, cold, octagon, $\frac{3}{8}$ by $6\frac{3}{4}$ inches.

  } Best quality.
- 1 chisel, cape, octagon, $\frac{3}{4}$-inch.
- 1 chisel, cape, octagon, $\frac{1}{2}$-inch.
- 1 chisel, cape, round nose, $\frac{1}{2}$-inch.
- 3 clamps, mechanics, sizes 3, 4, 6, swivel head.
- 1 box compound, grinding, valve, coarse and fine, Clover Leaf.
- 12 sheets cloth, emery, assorted, Nos. 0, 1, 2, Diamond Edge.
- 3 drifts, brass, 1–8 inches, 1–10 inches, standard quality.
- 1 drill, breast, 2-speed, with adjustable 3-jaw chuck for straight shank drill No. 555.
- 1 set drills, straight shank, Morse, $\frac{1}{16}$ to $\frac{1}{2}$ inch, by thirty-seconds, or equal.
- 3 extractors, cotter pin, No. 237, Shapleigh Hardware Co. or equal.
- 1 gauge, thickness 0.004 to 0.025, Starrett's No. 72.
- 1 gauge, thread, Starretts No. 476.
- 1 hammer, copper, 3 pounds.
- 1 hammer, ball pein, polished, 1-pound, with two extra handles with wedges, best quality.
- 1 hammer, ball pein, polished, 4-pound, with one extra handle with wedges, best quality.
- 1 hatchet, bread, bench, gun metal, 5-pound, with handle, No. DB3.

Kits, repair, motor company—Continued.

1 jack, 10-ton, double-acting, 13-inch raise, approximately, Barretts No. 2 or equal.

1 quart oil, neat's-foot.

1 lamp, trouble, 6-volt, 6 candle-power bulb, with 25 feet of wire with attachment clips for connecting to storage battery.

1 punch, center, $\frac{3}{8}$
1 punch, solid, $\frac{3}{8}$ } Best quality.
1 punch, solid, $\frac{3}{4}$

1 box pins, cotter, assorted.

1 box pins, 3 by $\frac{3}{32}$ by 1 inch.

1 box pins, $\frac{1}{16}$ by 1 inch.

1 box rivets and burs, copper, assorted, $\frac{5}{8}$ to $\frac{3}{4}$, No. CP10, in 1-pound boxes.

1 rule, steel, spring tempered, 6 by $\frac{3}{4}$ inch, Starrett's or equal.

1 set reamers, taper, sizes, in hardwood case, Nos. 9, 0, 1, 2, 3, 4, 5, Standard.

1 set reamers, expansion, $\frac{3}{4}$ to 1 inch, No. 128D, carbon steel, Standard.

1 screw driver, Perfect handle, 12-inch.

1 screw driver, offset, 6-inch.

1 set scraper bearings, 3 in each set, large, small, medium.

1 set scraper carbon, set No. 55, in box, Gibson Co.

1 screw driver, offset, 8-inch.

Screws, cap, hexagon head, as follows (same thread as used by manufacturers):

5 each $\frac{1}{2}$ by $\frac{3}{4}$ inch, $\frac{1}{4}$ by $1\frac{1}{2}$ inches, $\frac{1}{4}$ by 2 inches.

5 each $\frac{5}{16}$ by $\frac{3}{4}$ inch, $\frac{5}{16}$ by 1 inch, $\frac{5}{16}$ by $1\frac{1}{2}$ inches, $\frac{5}{16}$ by 2 inches.

Kits, repair. motor company—Continued.

Screws, cap, hexagon head, as follows—Continued.

5 each $\frac{3}{8}$ by $\frac{7}{8}$ inch, $\frac{3}{8}$ by $1\frac{1}{4}$ inches, $\frac{3}{8}$ by 2 inches.

5 each $\frac{7}{16}$ by $\frac{7}{8}$ inch, $\frac{7}{16}$ by $1\frac{1}{4}$ inches, $\frac{7}{16}$ by $1\frac{1}{2}$ inches, $\frac{7}{16}$ by $1\frac{3}{4}$ inches, $\frac{7}{16}$ by $2\frac{7}{16}$ inches.

5 each $\frac{1}{2}$ by $\frac{1}{2}$ inch, $\frac{1}{2}$ by 2 inches, $\frac{1}{2}$ by $2\frac{1}{2}$ inches, $\frac{1}{2}$ by 3 inches.

5 each $\frac{5}{8}$ by $1\frac{1}{2}$ inches, $\frac{5}{8}$ by 2 inches, $\frac{5}{8}$ by $2\frac{1}{2}$ inches, $\frac{5}{8}$ by 3 inches.

5 each $\frac{7}{8}$ by $1\frac{1}{2}$ inches, $\frac{7}{8}$ by 2 inches, $\frac{7}{8}$ by 3 inches.

1 quart shellac.

1 box shim stock.

1 set taps and screw plates, special, for make of trucks in company.

1 valve lifter, Vicheks.

1 set wrenches, socket, Mossberg, No. 14, with drilling attachment to hold straight.

1 set wrenches, adjustable, Crescent, 4, 6, 8, 10, in tool roll, best quality.

5 wrenches, Stillson, 6, 8, 10, 14, 24, in tool roll.

1 box washers, lock, assorted.

1 spool, wire, copper, 1 each Nos. 16 and 20, $\frac{1}{2}$ pound.

Kit, soldering:

1 blow torch, pint size.

1 soldering copper, $\frac{1}{2}$-pound, with handle.

4 sheets of sandpaper, No. 1.

2 spools resin core solder, 5 pounds each.

1 oak containing case.

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